

**Abstract**

A method and apparatus to dynamically segment video data files or portions of video data files within a video distribution system to facilitate the transfer of the video data files from a file server computing system to client computing system within a video distribution system. The video data files or portions of the video data files are dynamically fragmented as a function of demand for the video data files, size of each video data file of the plurality of video data files, amount of retention space available on each of the plurality of data storage devices, and available bandwidth for communication with the client computing systems.

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